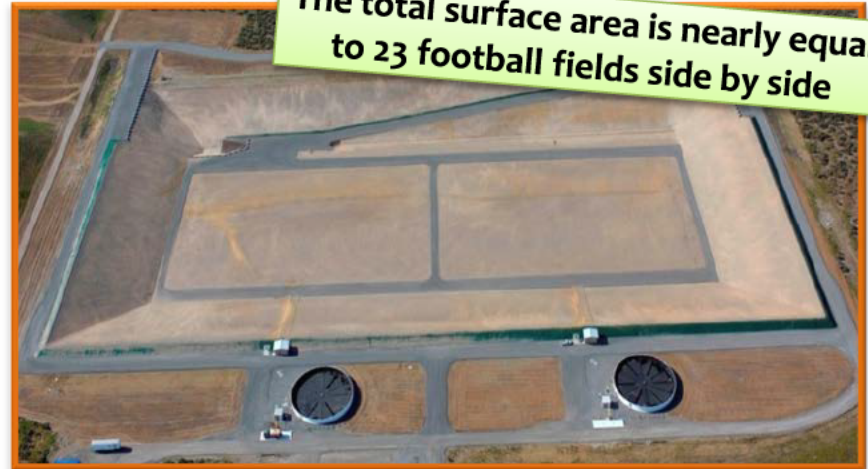


Integrated Disposal Facility

Operating Unit #11

- Disposal site for vitrified low-activity waste.
- IDF is being built in two phases; the first phase is complete.
 - East section is for low-level radioactive waste outside the scope of the permit. (USDOE regulates itself for radioactive materials.)
 - West section is for mixed wastes (radioactive and chemical) that the permit regulates. This side is about 223 meters wide, 555 meters long, and up to 14 meters deep. It will hold up to 450,000 cubic meters of waste—four layers of vitrified low activity waste containers separated by 0.9 meters of soil.



Aerial view of IDF looking south. Note semi-truck trailer for scale.

Where did the waste come from?

No waste is stored here yet. IDF will receive vitrified waste when the Waste Treatment Plant starts operating. It may also receive secondary waste resulting from processing. Waste will remain here.

How does this part of the permit differ from the usual?

The permit requires USDOE to model future impacts to groundwater from all waste disposed at IDF using a risk budget tool. The risk budget tool is due to Ecology in July 2013.

What's the risk?

There are risks to groundwater in the future from secondary waste, according to modeling. Secondary waste would have to be significantly mitigated before it could be disposed at IDF.



DEPARTMENT OF
ECOLOGY
State of Washington

Protecting our air, land and water — today and for the future.